



2621

PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. MBHB 01-099)

In the Application of:

Rudger Rubbert, et al.

Group Art Unit: 2621

Serial No. 09/834,593

Filed: April 13, 2001

Title: Scanning System and Calibration
Method for Capturing Precise
Three-Dimensional Information of
Objects

Confirmation No. 4535

TRANSMITTAL LETTER

Box Non-Fee Amendment
Assistant Commissioner for Patents
Washington DC 20231

Sir:

1. We are transmitting herewith the attached:
 1. Preliminary Amendment
 2. Return Postcard
2. With respect to additional fees:
 - A. X No additional fee is required.
 - B. Attached is a check in the amount of \$.
 - C. Charge the total additional fee to our Deposit Account No. 13-2490.
3. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.
4. **CERTIFICATE OF MAILING UNDER 37 CFR § 1.8:** The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Box Non-Fee Amendment, Assistant Commissioner for Patents, Washington, D.C. 20231 on this 25 day of November, 2002.

By

Thomas A. Fairhall
Thomas A. Fairhall
Reg. No. 34,591



UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. MBHB 01-099)

PATENT

In the Application of:)

Rudger Rubbert et al.)

Group Art Unit: 2621

Serial No. 09/834,593)

Filed: April 13, 2001)

For: Scanning System and Calibration)
Method for Capturing Precise)
Three-Dimensional Information)
of Objects)

#12/A
K 1)
12-11-02

PRELIMINARY AMENDMENT

Box Non-Fee Amendment
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In advance of examination of the application, please add the following new claims.

1.126 > 83
81. A scanner for in-vivo scanning the oral cavity, the scanner comprising:
a light source,
a heated mirror directing light from said light source onto anatomical structures in or
surrounding the oral cavity; and
an electronic imaging device collecting light reflected off of said anatomical structures;
wherein the heating of said mirror prevents fogging of said mirror during in-vivo
scanning.